L Number	Hits	Search Text	DB	Time stamp
33	0	370/342.ccls. and (reduced adj rank adj filter\$1)	USPAT	2003/11/01 20:10
34	44	370/342.ccls. and (adaptive adj filter\$3)	USPAT; US-PGPUB; EPO; JPO;	2003/11/01 20:10
35	56	704/226.ccls. and (adaptive adj filter\$3)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 20:10
36	10	(370/342.ccls. and (adaptive adj filter\$3)) and (correlation adj matrix)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 20:11
37	1	((370/342.ccls. and (adaptive adj filter\$3)) and (correlation adj matrix)) and (hermitian adj transpose)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 20:11
-	20	michael adj2 honig	USPAT; US-PGPUB; EPO; JPO;	2003/11/01 16:00
-	0	(michael adj2 honig) and (reduced adj rank)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/10/31 16:33
-	0	(northwestern adj university) and (reduced adj rank)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/10/31 16:34
-	10	(northwestern adj university) and (adaptive adj filter)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/10/31 16:34
_	9	((northwestern adj university) and (adaptive adj filter)) and @ad<20000927	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/31 16:35
-	0	(((northwestern adj university) and (adaptive adj filter)) and @ad<20000927) and (signal adj sample\$1)	USPAT	2003/10/31 16:36
-	2	375/232.ccls. and ((principal adj components) or (cross adj2 spectral adj despread\$3) or (partial adj despread\$3))	USPAT	2003/10/31 16:43
~	2	(375/232.ccls. and ((principal adj components) or (cross adj2 spectral adj despread\$3) or (partial adj despread\$3))) and sample\$1	USPAT	2003/10/31 17:32
~	1	((375/232.ccls. and ((principal adj components) or (cross adj2 spectral adj despread\$3) or (partial adj despread\$3))) and sample\$1) and ((vector\$1) or (basis	USPAT	2003/10/31 17:01
-	0	<pre>adj vector\$1)) (((375/232.ccls. and ((principal adj components) or (cross adj2 spectral adj despread\$3) or (partial adj despread\$3))) and sample\$1) and ((vector\$1) or (basis</pre>	USPAT	2003/10/31 16:56
-	0	adj vector\$1))) and (reduced adj rank) 375/232.ccls. and (reduced adj rank adj filter\$1)	USPAT	2003/10/31 16:54
_	0	reduced adj rank adj filter\$1	USPAT	2003/11/01
_	0	reduced adj rank adj filter\$1	USPAT	2003/10/31
-	0	reduced adj rank adj adaptive adj	USPAT	2003/10/31
-	92248	<pre>filter\$1 ((speech adj process\$3) or (radar adj process\$3) or (adaptive adj beamform\$3) or (echo adj cancella\$4) or (equaliz\$5))</pre>	USPAT	2003/10/31 16:56

-	-	16	or (echo adj cancella\$4) or (equaliz\$5)))	USPAT	2003/10/31 16:56
and (reduced adj rank) and (adaptive adj2 filters) (((((speech adj process\$3) or (radar adj process\$3)) or (secho adj cancella\$4) or (sequaliz\$5))) and (reduced adj rank) and (adaptive adj beamform\$3) or (secho adj cancella\$4) or (radar adj process\$3) or (radar adj process\$3) or (radar adj process\$3) or (radar adj process\$3) or (radar adj uspan) and (reduced adj rank) and (adaptive adj2 filter\$1)) and sead(2000927) and ((vector\$1)) or (basis adj vector\$1)) - (((((speech adj process\$3) or (radar adj process\$3) or (radar adj process\$3) or (radar adj process\$3) or (secho adj cancella\$4) or (equaliz\$5))) and (reduced adj rank) and sead(2000927) and ((vector\$1)) or (equaliz\$5))) and (reduced adj rank) and sead(2000927) and ((vector\$1)) or (equaliz\$5))) and (reduced adj rank) and (sample adj vector\$1)) - 5 ((((((speech adj process\$3) or (radar adj process\$3) or (adaptive adj) beamform\$3) or (secho adj cancella\$4) or (equaliz\$5))) and (reduced adj rank) and sead(2000927) and ((vector\$1)) or (basis adj vector\$1)) and (sample\$1) and sead(2000927) and ((vector\$1) or (basis adj vector\$1)) and (sample\$1) - 0 reduced adj rank adj vector - 0 (((((speech adj process\$3) or (radar adj proce	-	5	<pre>((((speech adj process\$3) or (radar adj process\$3) or (adaptive adj beamform\$3)</pre>	USPAT	
		5	<pre>and (reduced adj rank)) and (adaptive adj2 filter\$1)</pre>	IISDAT	2003/10/31
-		ŭ	<pre>process\$3) or (adaptive adj beamform\$3) or (echo adj cancella\$4) or (equaliz\$5))) and (reduced adj rank)) and (adaptive</pre>	OSTAT	1 '
- ((vector\$1) or (basis adj vector\$1)	-	5	<pre>((((((speech adj process\$3) or (radar adj process\$3) or (adaptive adj beamform\$3) or (echo adj cancella\$4) or (equaliz\$5))) and (reduced adj rank)) and (adaptive</pre>	USPAT	
beamform33) or (echo adj cancella\$4) or (equaliz\$5))) and (reduced adj rank)) and (adaptive adj2 filter\$1)) and (adaptive adj2 filter\$1)) and (sample adj vector\$1))	_	0	<pre>((vector\$1) or (basis adj vector\$1)) ((((((speech adj process\$3) or (radar</pre>	USPAT	
S			beamform\$3) or (echo adj cancella\$4) or (equaliz\$5))) and (reduced adj rank)) and (adaptive adj2 filter\$1)) and (adaptive adj2 filter\$1)) and (bad<20000927) and ((vector\$1) or (basis adj vector\$1))) and ((sample\$1) and		
- 0 reduced adj rank adj vector SPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT DERWENT DERWENT SPAT; US-PGPUB; EPO; JPO; DERWENT To receiver and (reduced adj rank) and (adaptive adj vectors)) and (reduced adj rank) and (uspat; EPO; JPO; DERWENT) To receiver and (reduced adj rank adj vector) (michael adj2 honig) and (hermitian adj uspat; US-PGPUB; EPO; JPO; DERWENT) To (michael adj2 honig) and (hermitian adj uspat; US-PGPUB; EPO; JPO; DERWENT) US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DER	-	5	(((((((speech adj process\$3) or (radar adj process\$3) or (adaptive adj beamform\$3) or (echo adj cancella\$4) or (equaliz\$5))) and (reduced adj rank)) and (adaptive adj2 filter\$1)) and @ad<20000927) and ((vector\$1) or (basis	USPAT	
-	-	0		USPAT	
adj process\$3) or (adaptive adj beamform\$3) or (echo adj cancella\$4) or (equaliz\$5)) and (reduced adj rank)) and (adaptive adj2 filter\$1)) and (adaptive adj2 filter\$1)) and (adaptive adj2 filter\$1)) and (eadc20000927) and ((vector\$1) or (basis adj vector\$1))) and (sample\$1) O receiver and (reduced adj rank adj vector) O (michael adj2 honig) and (hermitian adj transpose) O (michael adj2 honig) and (hermitian adj transpose) O (michael adj2 honig) and (hermitian adj transpose) DERWENT USPAT; 2003/11/01 US-PGPUB; EPO; JPO; JP	-	0	reduced adj rank adj vector	US-PGPUB; EPO; JPO;	
- 0 receiver and (reduced adj rank adj vector) - 0 (michael adj2 honig) and (hermitian adj USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO;	-	5	adj process\$3) or (adaptive adj beamform\$3) or (echo adj cancella\$4) or (equaliz\$5))) and (reduced adj rank)) and (adaptive adj2 filter\$1)) and @ad<20000927) and ((vector\$1) or (basis	US-PGPUB; EPO; JPO;	
transpose	-	0	receiver and (reduced adj rank adj	US-PGPUB; EPO; JPO;	1
- 131 hermitian adj transpose	-	0		USPAT; US-PGPUB; EPO; JPO;	, , -
- ((hermitian adj transpose) and (adaptive adj filter\$3)) and (reduced adj rank adj filter\$3) - (hermitian adj transpose) and (adaptive adj filter\$3) - (hermitian adj transpose) and (adaptive adj filter\$3) - ((hermitian adj transpose) and (adaptive adj filter\$3)) and @ad<20000927 - (hermitian adj transpose) and (adaptive adj filter\$3)) and @ad<20000927 - (hermitian adj transpose) and (adaptive adj filter\$3)) and @ad<20000927 - (hermitian adj transpose) and (adaptive adj filter\$3)) and @ad<20000927 - (hermitian adj transpose) and (adaptive adj filter\$3)) and @ad<20000927 - (hermitian adj transpose) and (adaptive adj filter\$3)) and @ad<20000927	-	131	hermitian adj transpose	USPAT; US-PGPUB; EPO; JPO;	
- 16 (hermitian adj transpose) and (adaptive adj filter\$3) - 13 ((hermitian adj transpose) and (adaptive adj filter\$3)) and @ad<20000927 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;	-	0	adj filter\$3)) and (reduced adj rank adj	USPAT; US-PGPUB; EPO; JPO;	I
- 13 ((hermitian adj transpose) and (adaptive USPAT; 2003/11/01 adj filter\$3)) and @ad<20000927 US-PGPUB; 16:09 EPO; JPO;	-	16		USPAT; US-PGPUB; EPO; JPO;	I
I DEVACAT I	-	13		USPAT; US-PGPUB;	

			·	
-	0	<pre>((hermitian adj transpose) and (adaptive adj filter\$3)) and (reduced adj rank adj vector\$1)</pre>	USPAT; US-PGPUB; EPO; JPO;	2003/11/01 16:09
-	112	receiver and (hermitian adj transpose)	DERWENT USPAT; US-PGPUB;	2003/11/01 16:09
_	0	<pre>(receiver and (hermitian adj transpose)) and (reduced adj rank adj vector\$1)</pre>	EPO; JPO; DERWENT USPAT; US-PGPUB;	2003/11/01 16:13
	7		EPO; JPO; DERWENT	2002/11/01
_	,	<pre>(receiver and (hermitian adj transpose)) and (adaptive adj filter\$3)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 16:09
-	5	((receiver and (hermitian adj transpose)) and (adaptive adj filter\$3)) and @ad<20000927	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 16:12
_	5	(((receiver and (hermitian adj transpose)) and (adaptive adj filter\$3)) and @ad<20000927) and sample\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 16:12
-	1	((((receiver and (hermitian adj transpose)) and (adaptive adj filter\$3)) and @ad<20000927) and sample\$1) and (reduced adj rank)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 16:41
_	1	((((receiver and (hermitian adj transpose)) and (adaptive adj filter\$3)) and @ad<20000927) and sample\$1) and (correlation adj vector\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 16:41
-	0	((hermitian adj vector); ((hermitian adj transpose) with (correlation adj vector) and (correlation adj scalar\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 17:01
-	1	((correlation adj vector) and (correlation adj scalar\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 16:46
-	2	((hermitian adj transpose) with (correlation adj matrix))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 17:00
- '	0	reduced adj rank adj filter\$3	USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:01
_	258	adaptive adj beamforming	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:01
-	0	(adaptive adj beamforming) and (reduced adj rank adj filter\$3)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:03
_	0	(adaptive adj beamforming) and ((hermitian adj transpose) with (correlation adj vector) and (correlation	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:22
-	15897	adj scalar\$1)) principal adj components	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:02
_	0	(principal adj components) and (reduced adj rank adj filter\$3)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:03
-	0	cross adj2 spectral adj despeading	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 17:03

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_	9	partial adj despreading	USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:03
_	0	 (partial adj despreading) and (reduced	DERWENT USPAT;	2003/11/01
		adj rank adj filter\$3)	US-PGPUB; EPO; JPO;	17:04
_	33	estimate adj filter adj coefficient\$1	DERWENT USPAT; US-PGPUB;	2003/11/01 17:04
_	0	(estimate adj filter adj coefficient\$1)	EPO; JPO; DERWENT USPAT;	2003/11/01
		and ((hermitian adj transpose) with (correlation adj vector) and (correlation adj scalar\$1))	US-PGPUB; EPO; JPO; DERWENT	17:05
-	14		USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:05
-	3	((estimate adj filter adj coefficient\$1) and (adaptive adj filter\$3)) and (correlation adj matrix)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 17:06
-	2	(((estimate adj filter adj coefficient\$1) and (adaptive adj filter\$3)) and (correlation adj matrix)) and receiver	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 17:11
-	112	(hermitian adj transpose) and receiver	USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:11
-	0	((hermitian adj transpose) and receiver) and correlation adj scalar	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:11
-	0	((hermitian adj transpose) and receiver) and (correlation adj scalar\$1)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:11
-	22	((hermitian adj transpose) and receiver) and (correlation adj matrix)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 17:12
-	10	(((hermitian adj transpose) and receiver) and (correlation adj matrix)) and @ad<=20000927	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 17:49
-	1	((((hermitian adj transpose) and receiver) and (correlation adj matrix)) and (educed adj rank)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 17:14
_	0	(adaptive adj beamforming) and ((hermitian adj transpose) adj2 (basis adj vector))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/01 17:23
_	0	(weiner adj filter) and (hermitian adj transpose) and (correlation adj vector)	USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:50
_	58	(weiner adj filter)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 18:01
-	0	((weiner adj filter)) and ((hermitian adj transpose) and (correlation adj vector))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:58
-	0	a adj posteriori adj least adj squares adj cost adj function	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/11/01 17:59
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_	0	(least adj squares adj cost adj function)	USPAT;	2003/11/01
		and adaptive adj filter	US-PGPUB;	18:00
			EPO; JPO;	
			DERWENT	
-	0	(===== === === === === === == == == ==	USPAT;	2003/11/01
		and (adaptive adj filter)	US-PGPUB;	18:00
			EPO; JPO;	
			DERWENT	
-	19	least adj squares adj cost adj function	USPAT;	2003/11/01
			US-PGPUB;	18:15
	•		EPO; JPO;	
			DERWENT	, _ ,
-	0	(=====	USPAT;	2003/11/01
		and (weiner adj filter)	US-PGPUB;	18:01
ł			EPO; JPO;	
			DERWENT	0000/41/01
-	0		USPAT;	2003/11/01
ł		adj function)	US-PGPUB;	18:15
			EPO; JPO;	
1		270 /240 2 3 4 4 3 3 14 4 4 4 4 4 4	DERWENT	2002/11/01
_	0	10.0,012.0022. 202 (202000 00) 20200	USPAT;	2003/11/01 18:16
		filter\$3)	US-PGPUB;	10:10
			EPO; JPO; DERWENT	
	0	270/225 242 gala and (modulated add man)	USPAT;	2003/11/01
-	"	0 / 0 / 0 0 0 1 1 1 0 1 2 1 1 1 1 1 1 1 1 1 1 1	USPAI; US-PGPUB;	18:16
		adj filter\$3)	EPO; JPO;	10.10
			DERWENT	
ŀ	1		DEVMENT	